

California Energy Commission
AGENDA INPUT FORM (GENERAL)

CEC 36 (Rev. 3-91)

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DUE DATES: A listing of Commission Business Meetings and Contracts Office due dates are available from the Secretariat.

CONTACT PERSON: Debbie Jones

PHONE NUMBER: 654-4631

MS: 44

Date due to Contracts Office:

Date due to Secretariat: 7/6/10

Proposed Business Meeting Date: 7/28/10

AGENDA ITEM SUBJECT AND DESCRIPTION – This is the description that will appear on the agenda)

CLIPPERCREEK, INC. Possible approval of grant agreement ARV-10-001, awarding \$1,900,000 (ARFVTF funding) to ClipperCreek, Inc. to update approximately 3,000 existing California EV charging infrastructure to the new SAE-J1772™ standard. In addition, ClipperCreek will refurbish and allow to remain on the sites inductive and paddle infrastructure where they are being used by current electric vehicles. ClipperCreek will install meters on the charging infrastructure, as directed by the local utility, to allow the monitoring and utility control. Contact: Jennifer Allen

☐ **CONSENT**

☒ **DISCUSSION**

Time needed for presentation: 5 Minutes

4 CHECK HERE IF YOU NEED A COPY OF YOUR SIGNED RESOLUTION/ORDER

SPECIFY AUDIO-VISUAL EQUIPMENT NEEDED FOR PRESENTATION

DEPUTY DIVISION DIRECTOR SIGNATURE

Date:

Item #8
July 28, 2010
Energy Commission Business Meeting

ClipperCreek, Inc.

Grant Agreement ARV-10-001
for the

Update Existing Electric Vehicle Infrastructure to
SAE-J1772™ Without Stranding Existing Drivers Project

Abstract

ClipperCreek, Inc. (ClipperCreek) will update approximately 3,000 existing California EV charging infrastructure to the new SAE-J1772™ standard. In addition, ClipperCreek will refurbish and allow to remain on the sites inductive and paddle infrastructure where they are being used by current electric vehicles. ClipperCreek will install meters on the charging infrastructure, as directed by the local utility, to allow for monitoring and utility control. The Energy Commission will provide \$1,900,000 in Alternative and Renewable Fuel and Vehicle Transportation program funds. Additional match funding of approximately \$1 million will be provided by the project participants.

The goal of this proposal is provide a low cost and low risk option to upgrading existing electric vehicle infrastructure in California. This will support existing and proposed rollouts of electric and plug-in hybrid vehicles.

Participants

ClipperCreek, as its predecessor company, EVI, installed at least half of the existing electric vehicle infrastructure in California. In many cases, this will allow reuse of the existing pedestal to avoid any costly trenching or concrete work. ClipperCreek's pedestals are designed to the standard infrastructure footprint avoiding costly upgrade work.

EVConnect is made up of a seasoned staff who installed most of the existing infrastructure in Southern California. This company has the experience and the relationships necessary to facilitate this process and quickly get the work done.

Tom Dowling over the last 7 years has been instrumental in the maintenance and logging of EV infrastructure in California. He will expedite contacting site owners and completion of work.

PrePlastics, Quality Metal Works, MasterWorks, and Nelson NamePlate are California companies that will supply materials to ClipperCreek.

Benefits

These stations will have a positive benefit on electric and plug-in hybrid electric vehicle sales. Annual GHG savings for each electric vehicle is estimated at 9.3 tons of CO2.